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**Flat or capillary membrane manufactured from a mixture of polyvinylidene fluoride and a second by chemical reaction hydrophilable polymer**

Patent number: EP0407900

Publication date: 1991-01-16

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## Classification:

- International: (IPC1-7): B01D67/00; B01D71/34
- European: B01D67/00F; B01D67/00H10D; B01D67/00J18; B01D69/14B; B01D71/34; C12N11/08

Application number: EP19900112904 19900706

Priority number(s): DE19893923128 19890713

## Also published as:

- US5066401 (A1)
- JP3114517 (A)
- EP0407900 (A3)
- DE3923128 (A1)
- EP0407900 (B1)

## Cited documents:

- EP0245000
- EP0186758
- DE2735887
- JP548669

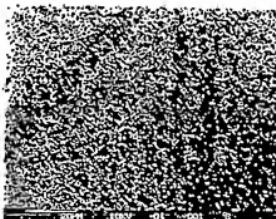
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Abstract not available for EP0407900

Abstract of corresponding document: US5066401

Membranes are based on a homogeneous mixture of polyvinylidene fluoride and a second polymer which can be rendered hydrophilic by chemical reaction. The membranes contain 70 to 98 percent by weight of polyvinylidene fluoride and 2 to 30 percent by weight of a polymer formed essentially from polymethyl and/or polyethyl acrylate, and have a maximum pore size in the range from 0.005 to 10 μm. They can be rendered hydrophilic by means of at least partial hydrolysis, at least partial transesterification with an alcohol which is at least trihydric and contains 3 to 12 carbon atoms, and/or at least partial aminolysis with an amino compound having 2 to 8 carbon atoms. The flat or capillary membranes which have been rendered hydrophilic can contain on their total surface 0.001 to 10 milliequivalents/g of membrane, preferably 0.01 to 5 m equivalents/g of membrane, of -COOH, -OH or -NH<sub>2</sub> groups or corresponding mixtures of these hydrophilic functional groups. Such membranes can be used, in particular, for immobilizing biochemically active compounds.

PVDF flat membrane KW 3



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